

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|---|------------------|---------|------------------|
| S1 | 3063 | 375/316 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/22 10:18 |
| S2 | 1183 | quality adj1 assessment | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/18 11:27 |
| S3 | 4 | quality adj1 assessment and plurality adj1 channel\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/18 09:18 |
| S4 | 4 | quality adj1 assessment and plurality adj channel\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/18 09:18 |
| S5 | 1 | quality adj1 assessment and plurality adj (channel\$1 and group\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/18 09:19 |
| S6 | 36 | synthesizer and mixer and interference adj detect\$3 and quality | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/18 09:25 |
| S7 | 14 | (group\$3 and channel\$1) adj quality | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/18 09:51 |
| S8 | 393 | plurality adj (channel\$1 and group\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/18 09:52 |
| S9 | 133 | (plurality adj (channel\$1 and group\$1)) and quality | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/18 09:52 |

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| S10 | 1 | (plurality adj (channel\$1 and group\$1)) and quality adj detect\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/18 09:55 |
| S11 | 11 | (plurality adj group\$1) and quality adj detect\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/18 10:05 |
| S12 | 19 | channel adj quality adj assessment | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/18 10:10 |
| S13 | 1 | channel adj quality adj assessment adj unit | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/18 10:10 |
| S14 | 12 | channel and interference and quality adj detect\$3 and synthesizer and (mixer or mux or multiplexer) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/18 10:17 |
| S15 | 2 | channel and interference adj detect\$3 and quality adj detect\$3 and synthesizer and (mixer or mux or multiplexer) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/18 10:34 |
| S16 | 18 | channel and interference adj detect\$3 and ((quality adj detect\$3) or SNR)and synthesizer and (mixer or mux or multiplexer) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/18 11:26 |
| S17 | 0 | channel and interference adj detect\$3 and (quality adj assement)and synthesizer and (mixer or mux or multiplexer) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/18 11:26 |
| S18 | 0 | channel and interference adj detect\$3 and (quality adj assement)and synthesizer and (mixer) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/18 11:27 |
| S19 | 7 | quality adj1 assessment adj1 unit | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/18 11:28 |

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| S20 | 569 | quality adj unit | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/18 11:28 |
| S21 | 50 | quality adj detect\$ adj unit | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/18 13:45 |
| S22 | 0 | (quality adj detect\$ adj unit) and (interference adj detect\$3 adj unit) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/18 11:29 |
| S23 | 2 | "20030058923" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/18 13:49 |
| S24 | 2 | frequency adj1 hop\$4 and plurality adj group | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/18 14:03 |
| S25 | 272 | channel\$1 and group\$1 and quality adj detect\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/18 14:04 |
| S26 | 13 | channel\$1 and group\$1 and quality adj detect\$3 and interference adj detect\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/18 14:05 |
| S27 | 62118 | (HEC or CRC or FEC) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/19 09:28 |
| S28 | 46 | ((adaptive adj frequency adj1 hop\$4)or AFH)and (HEC or CRC or FEC) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/19 09:37 |
| S29 | 35 | ((adaptive adj frequency adj1 hop\$4)or AFH)and (HEC or CRC or FEC) and ratio | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/19 09:37 |

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| S30 | 32 | ((adaptive adj frequency adj1 hop\$4)or AFH)and (HEC or CRC or FEC) and ratio and quality | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/19 09:37 |
| S31 | 5 | ((adaptive adj frequency adj1 hop\$4)or AFH)and (HEC or CRC or FEC) and ratio and (channel\$1 or group\$1) adj quality | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/19 09:40 |
| S32 | 440 | (HEC or CRC or FEC) and ratio and (channel\$1 or group\$1) adj quality | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/19 09:40 |
| S33 | 48 | ((interference or noise) adj detect\$3)and (HEC or CRC or FEC) and ratio and (channel\$1 or group\$1) adj quality | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/19 09:42 |
| S34 | 1 | ((interference or noise) adj detect\$3)and (HEC or CRC or FEC) and ratio and (channel\$1 or group\$1) adj quality and (plurality adj (channels and group\$1)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/19 09:43 |
| S35 | 36 | ((interference or noise) adj detect\$3)and (HEC or CRC or FEC) and ratio and (channel\$1 or group\$1) adj quality and (plurality adj (channels or group\$1)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/19 09:43 |
| S36 | 1587383 | channel\$1 adj\$1 disable | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/20 10:49 |
| S37 | 129 | channel\$1 adj1 disable | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/20 10:56 |
| S38 | 1 | group adj1 channel\$1 adj1 disable | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/20 10:50 |
| S39 | 2 | group with (channel\$1 adj1 disable) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/20 10:51 |

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| S40 | 1 | (channel\$1 adj1 disable) and (frequency adj1 hopping) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/20 10:54 |
| S41 | 5 | (frequency adj1 hopping) with disable | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/21 08:57 |
| S42 | 1 | "20030026353" and quality adj1 assessing adj1 operator | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/21 09:12 |
| S43 | 2 | interference adj1 collision adj1 ratio | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/21 09:15 |
| S44 | 34 | collision adj1 ratio | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/21 09:16 |
| S45 | 3 | interference with (collision adj1 ratio) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/21 10:07 |
| S46 | 1 | generator with mixer with synthesizer with interference | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/21 10:08 |
| S47 | 1453 | generator and mixer and synthesizer and interference | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/21 10:09 |
| S48 | 696 | generator and mixer and synthesizer and interference and quality | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/21 10:09 |
| S49 | 46 | generator and mixer and synthesizer and interference and quality and assess\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/21 10:12 |

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| S50 | 108 | (interference adj1 detect\$3) and quality and assess\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/21 10:12 |
| S51 | 52 | (interference adj1 detect\$3) with quality | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/21 10:13 |
| S52 | 1 | (interference adj1 detect\$3) with quality with group\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/21 15:55 |
| S53 | 2 | "20010038670" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/21 15:55 |
| S54 | 42 | group\$3 with (interfer\$3 adj1 detect\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/22 10:19 |
| S55 | 6 | group\$3 with (interfer\$3 adj1 detect\$3) and quality | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/22 10:20 |
| S56 | 1 | group\$3 with (interfer\$3 adj1 detect\$3) and quality and channel\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/22 10:21 |
| S57 | 4612241 | group\$3 near\$1 channel\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/22 10:21 |
| S58 | 44323 | group\$3 with channel\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/22 10:21 |
| S59 | 743 | group\$3 with channel\$1 with interference | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/22 10:22 |

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| S60 | 0 | group\$3 with channel\$1 with interference with FHSS | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/22 10:22 |
| S61 | 17 | group\$3 with channel\$1 with interference with (frequency adj1 hopping) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/22 10:51 |
| S62 | 83 | group\$3 with channel\$1 with (frequency adj1 hopping) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/22 10:51 |
| S63 | 0 | group\$3 with channel\$1 with (frequency adj1 hopping) with (interference adj1 detector) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/22 10:52 |